

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1-25. (Canceled)

26. (Currently Amended) A rigidizing mechanism comprising:

an inner element and an outer element positioned concentrically around the inner

element, wherein the inner and outer elements are flexible; and

a plurality of components positioned between the inner and outer elements, each

component being distinct from the inner and outer elements;

wherein in a first state the components interfere between the inner and outer

elements with a force sufficient to prevent the inner and outer elements from

sliding ~~lengthwise-longitudinally~~ relative to one another, and in a second state the

components do not significantly interfere with the inner and outer elements

sliding ~~lengthwise-longitudinally~~ relative to one another.

27. (Previously presented) The mechanism of claim 26:

wherein the components comprise an electroactive polymer.

28. (Previously presented) The mechanism of claim 26:

wherein the components comprise balloons.

29. (Previously presented) The mechanism of claim 26:
wherein the components are energized and expanded radially in the first state.

30. (Previously presented) The mechanism of claim 26:
wherein the components are energized and contracted radially in the second state.

31. - 55. (Canceled)